


Page 4, paragraph starting at line 13 (amended):

This object is achieved by means of a disc-shaped one piece static mixer module with a multiplicity of orifices, which is structured on its front and rear sides by means of channels, the channels being defined by channel walls and the orifices passing through the channel walls. The channels on the front side of the module are designated below as inlet channels and the channels on the rear side as mixing channels. Preferably, a plurality of mixer modules are arranged one behind the other in order to improve the mixing action. The orifice cross sections may have any desired geometry. They may, for example, be square or circular. The orifices are preferably arranged so as to be distributed in one or more rows on the channel walls.

Page 4, paragraph beginning at line 27 (amended):


The distance between the planes which lie across and touch the highest elevations, in the direction of the center axis of the disc shaped module, of front side and the rear side of the disc shaped module, and which are perpendicular to the center axis of the disc shaped module is designated, here, as the axial length of the module. The foregoing planes are hereinafter referred to as disc planes.

Page 5, paragraph beginning at line 17 (amended).

 The orifices in the channel walls of the mixer module are usually made in such a way that they are defined by parallel walls which are approximately perpendicular to the channel walls through which they pass. The parallel walls of the channels may, however, also form an angle  $\beta$  of  $\pm 30$  degrees to the channel walls.

### IN THE CLAIMS

Please cancel the previous version(s) of the following claims and replace them with the following rewritten versions. Marked up copy/copies showing the amendments since the previous version(s) is/are annexed as separate page(s).

 Claim 2 (three-times amended). Static mixer module according to Claim 1, wherein the inlet channels, the mixing channels, or both, have straight channel walls which are at an angle  $\alpha$  of 5 degrees to 85 degrees to the plane which is perpendicular to the center axis passing through the radial center of the disc, said center axis being parallel to the surfaces defining the circumference of the disc, on the front side of the disc, on the rear side of the disc or both.

Claim 3 (three times amended). Static mixer module according to Claim 1, wherein the walls of the inlet channels, of the mixing channels or both are straight and are at an angle  $\alpha$  smaller than 15 degrees to the plane which is perpendicular to the center axis passing through the radial center of the disc, said center axis being parallel to the surfaces defining the circumference of the disc, on the front side, on the